



Broadband ...The Essential Piece

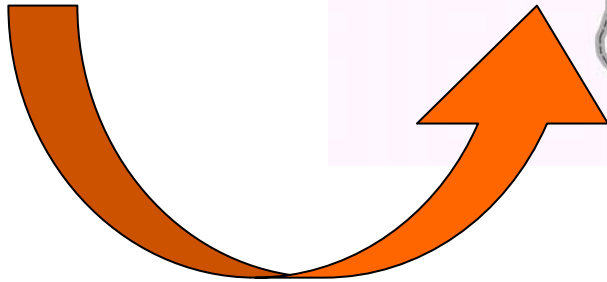
Southernmost Illinois Regional e-Partners Broadband Initiative



Creating Community and Economic
Development Opportunities through an
Open-Broadband Network



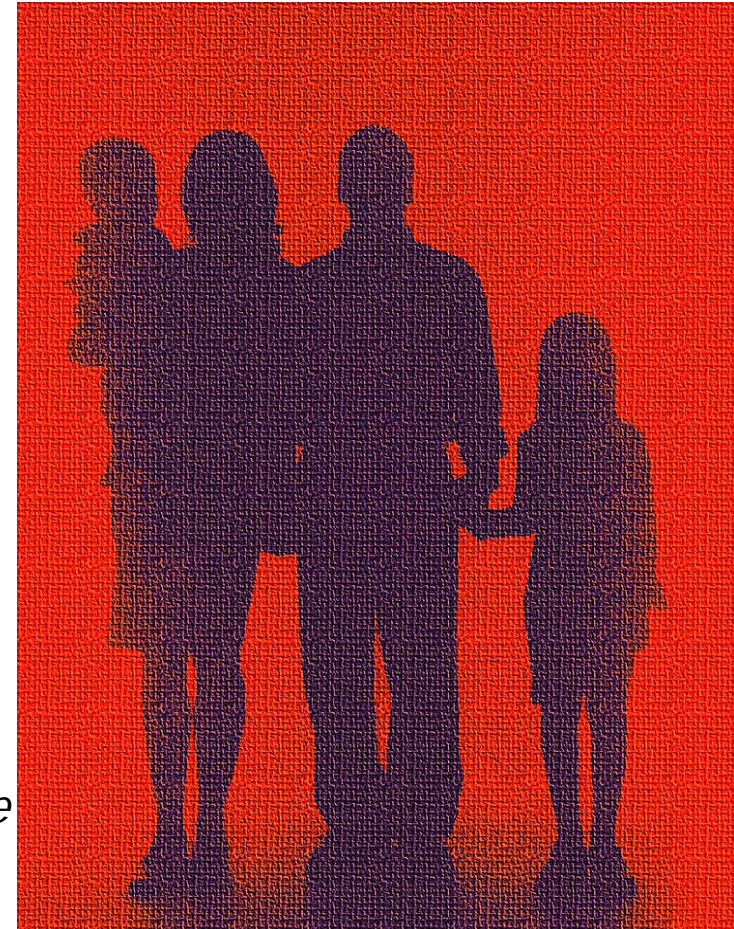
Where is Southernmost Illinois?





Southernmost Illinois Demographics

- Population for 5 counties
2003 = 62,663
2000 = 63,270
Out Migration of Population (Youth)
- Households in the 5 counties
2002 = 28,209
- Median Household Income
1999 = \$29,444
State = \$46,590
- Major employers include - Harrah's Casino, State Prisons (*Vienna CC, Shawnee CC, Tamms "SuperMax" CC, Dixon Springs IIP, Tamms work camp*), local school districts and other government agencies





2004 Lockwood Greene Report

Positives

- Geographic Location
- Transportation Infrastructure
- State and Local Taxes
- State and Local Tax Credits

Negatives

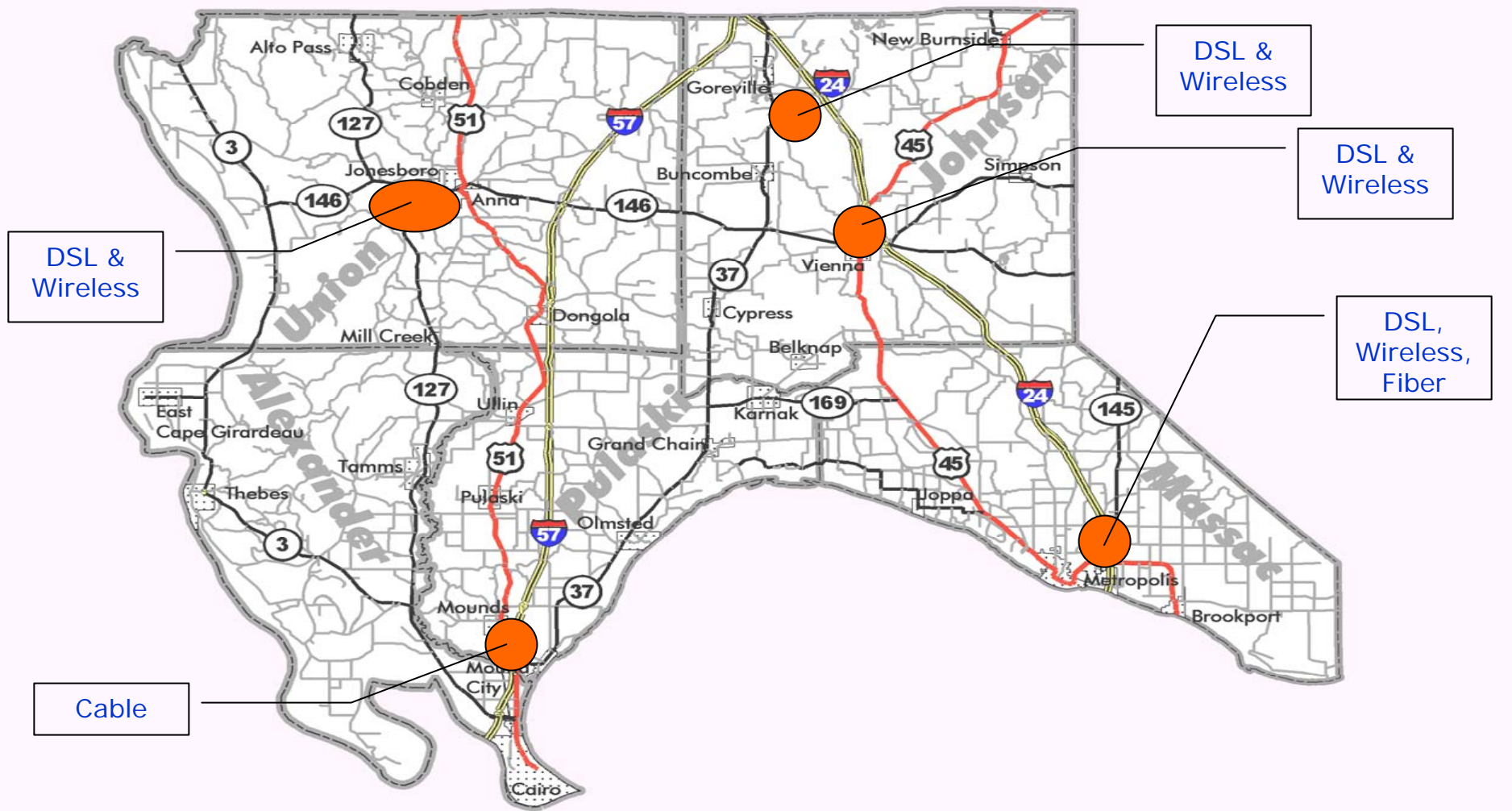
- Education and Training (K-12)
- Available land for future Industrial Development
- Telecommunication Infrastructure

*The expense of existing high-speed telecommunication services are **cost prohibitive** for most people in Southernmost Illinois.*





Areas with Broadband Access





What ACTIONS have been Taken

❖ Public Partnerships

Shawnee Community College, Southernmost Illinois
Delta Empowerment Zone, Southern 5 Regional
Planning Commission, University of Illinois Extension
AJMPU

❖ Private Partnerships

AJ Internet, Heartland Communications, LaserNet
Wireless, Slingshot Wireless

❖ Grant Funds applied

USDA RUS "Vision" proposal

❖ OUR VISION

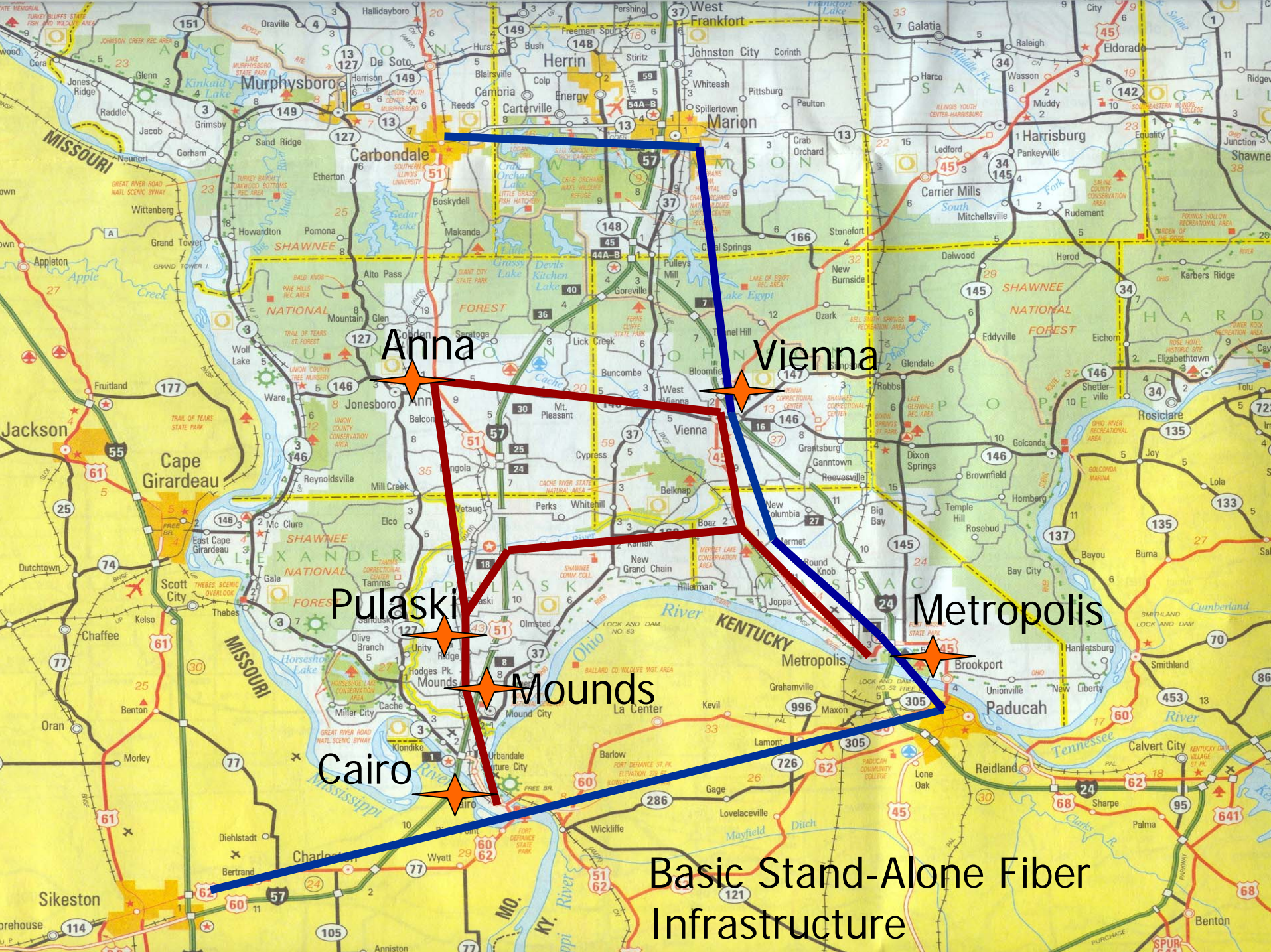


How to Overcome the Need

Combine technology with growth and economic development and it will help preserve Illinois' rural identity while expanding its business appeal.



The applications and advantages to providing a fiber infrastructure to these areas are limitless, by establishing information technology communications; we can help Southernmost Illinois successfully launch development projects.



Anna

Vienna

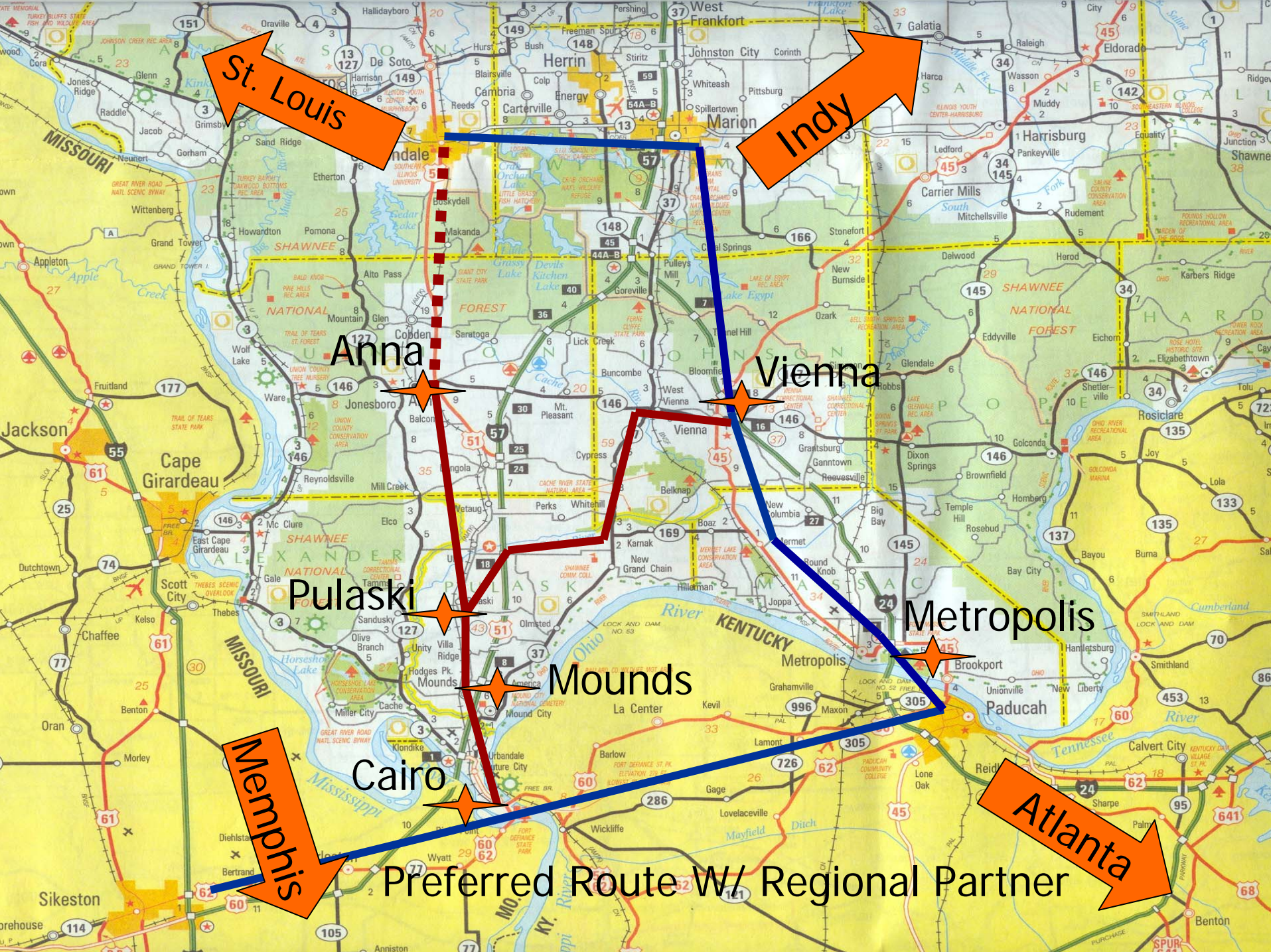
Pulaski

Metropolis

Mounds

Cairo

Basic Stand-Alone Fiber Infrastructure



St. Louis

Indy

Anna

Vienna

Pulaski

Metropolis

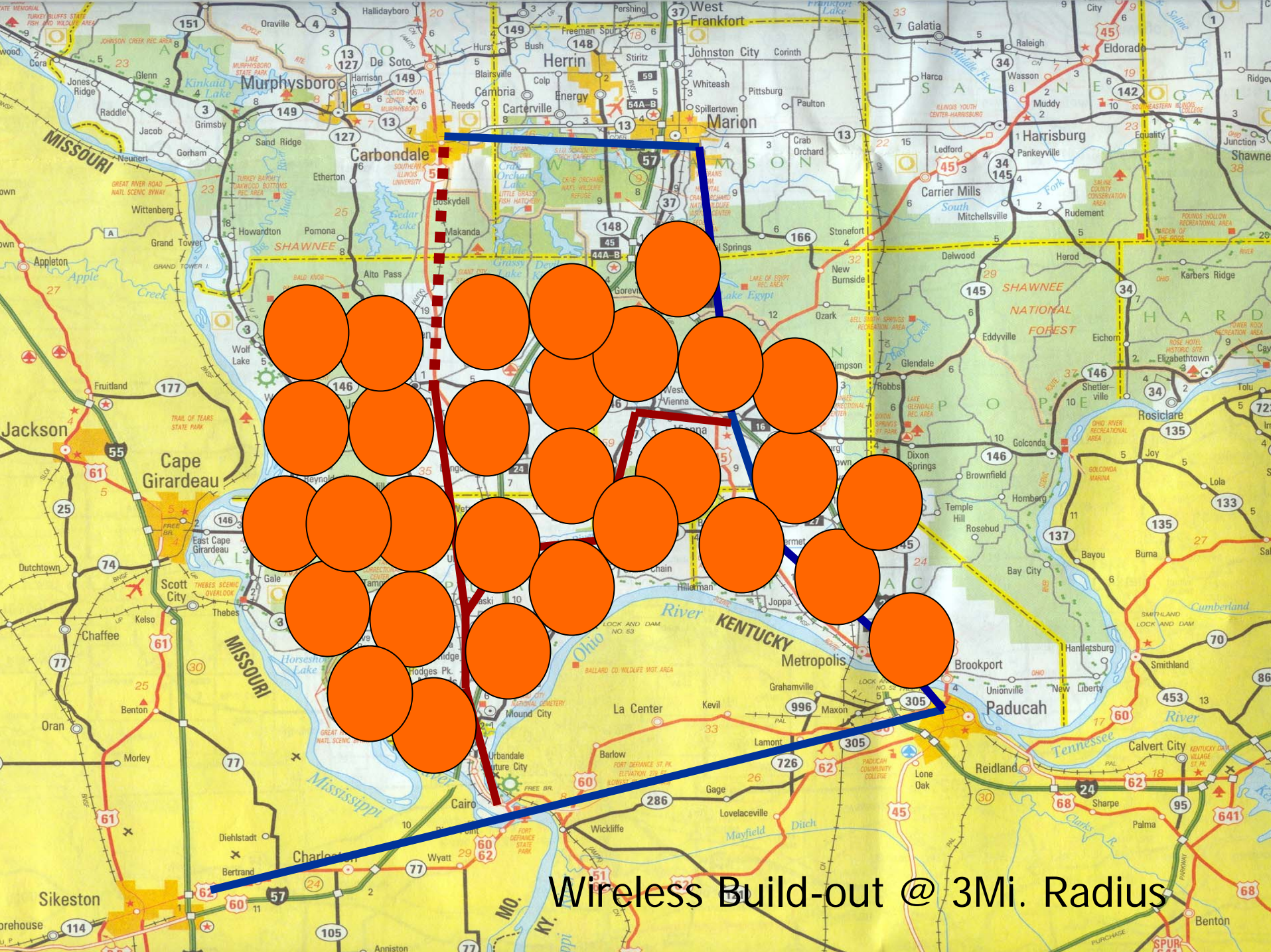
Mounds

Cairo

Atlanta

Memphis

Preferred Route W/ Regional Partner



Wireless Build-out @ 3Mi. Radius



Fueling Technology Advances

Estimates

125 miles of fiber optic cable installed (\$25,000/mile)	\$3,125,000.00
7 Points-of-Presence w/NOC's (\$100,000/site)	\$700,000.00
30 Tower locations (\$15,000/site)	\$450,000.00
Legal & Engineering Fees, Community Education	\$334,500.00
Administration & Operational	\$250,500.00
TOTAL PROJECT ESTIMATE	\$4,860,000.00

- ❖ Fiber project – 18 months
- ❖ Wireless Build Out – 20 months



Communication Backbone

☞ If Telecommunication Infrastructure is available to prospects, then they might come – Estimates indicate that full scale broadband deployment could **create thousands of jobs** and **add millions of dollars** to the gross state product.

☞ If Telecommunication Infrastructure is NOT available to prospects, they WILL NOT come!



2007 Deadline



The President has called for universal, affordable access for broadband technology by the year 2007.

If Southernmost Illinois gets left behind now...it could impact the economic development for our life time.



Change and Prosper

While new technologies are continually changing, technology itself remains the conduit through which we can choose to **change and prosper** ... or watch the rest of the world change and prosper.





Presenter Information

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